

Rec'd PCT/PTO 19 OCT 2004

511, 805

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

**(19) World Intellectual Property Organization
International Bureau**



A standard linear barcode is located at the bottom of the page, spanning most of the width. It consists of vertical black bars of varying widths on a white background.

**(43) International Publication Date
30 October 2003 (30.10.2003)**

PCT

**(10) International Publication Number
WO 03/089983 A1**

(51) International Patent Classification⁷: G02F 1/167

(74) Agent: DEGUELLE, Wilhelmus H. G.; Interrogation 1

(21) International Application Number: PCT/IB03/01101

EDITIONEN D.V.N., P.O.B. Horstlaan 6, NL-3550 AA Eindhoven (NL).

(22) International Filing Date: 20 March 2003 (20.03.2003)

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU.

(25) Filing Language: English

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

(26) Publication Language: English

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW,

(30) Priority Data: 02076558.2 22 April 2002 (22.04.2002) EP

SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ,
VC, VN, YU, ZA, ZM, ZW.

(71) **Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL)**

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CY, CZ, DE, DK, EL, ES, FI, FR, GR, HU, IE, IT, MT, NL, PL, PT, SI, SK, TR, UK).

(72) Inventors; and

(75) **Inventors/Applicants (for US only): CORNELISSEN, Hugo, J. [NL/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, Mark, T. [GB/NL]; Prof . Holstlaan 6, NL-5656 AA Eindhoven (NL).**

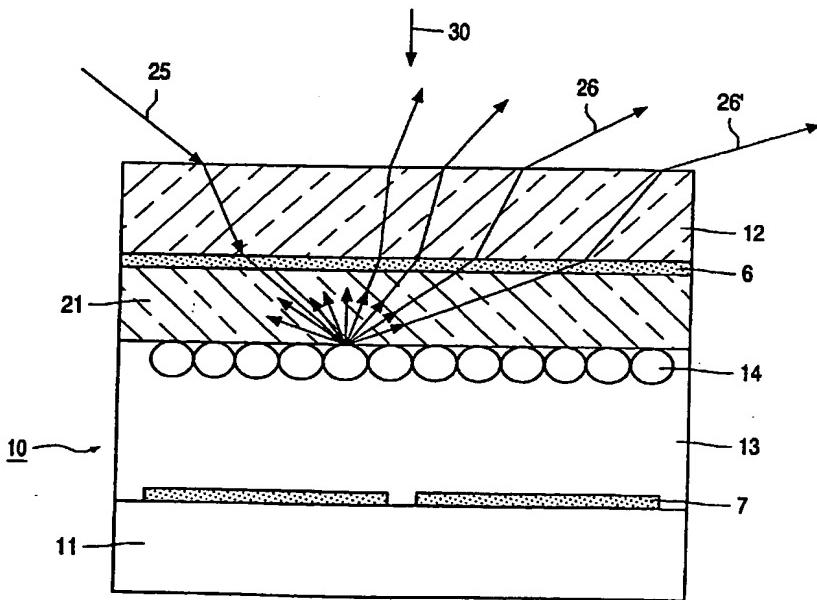
Published: [with international search report](#)

Published:

— *with international search report*

[Continued on next page]

(54) Title: ELECTRO-OPTICAL DISPLAY DEVICE



WO 03/089983 A1